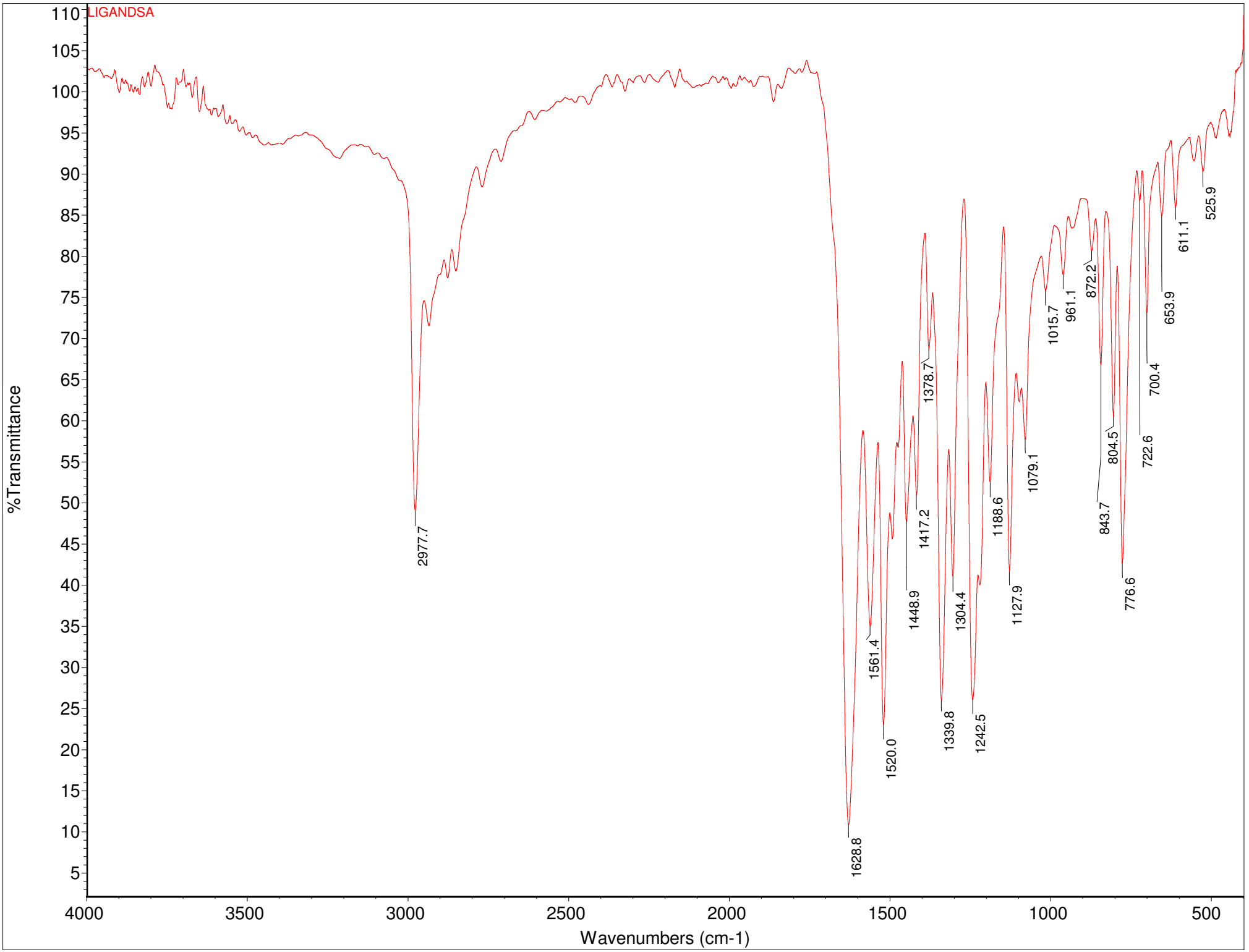
Supplementary data for the article:

Dimitrijević, T.; Novaković, I.; Radanović, D.; Novaković, S. B.; Rodić, M. V.; Anđelković, K.; Šumar-Ristović, M. Synthesis, Spectral and Structural Characterization and Biological Activity of Cu(II) Complexes with 4-(Diethylamino)Salicylaldehyde and α-Diimines. *Journal of Coordination Chemistry* **2020**, *73* (4), 702–716. https://doi.org/10.1080/00958972.2020.1740212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80
75
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45
40
35
30
25
20
15
10
5
4000
3500
3000
2500
2000
1500
1000
500
2977.7
1628.8
1561.4
1520.0
1448.9
1417.2
1378.7
1339.8
1304.4
1242.5
1188.6
1127.9
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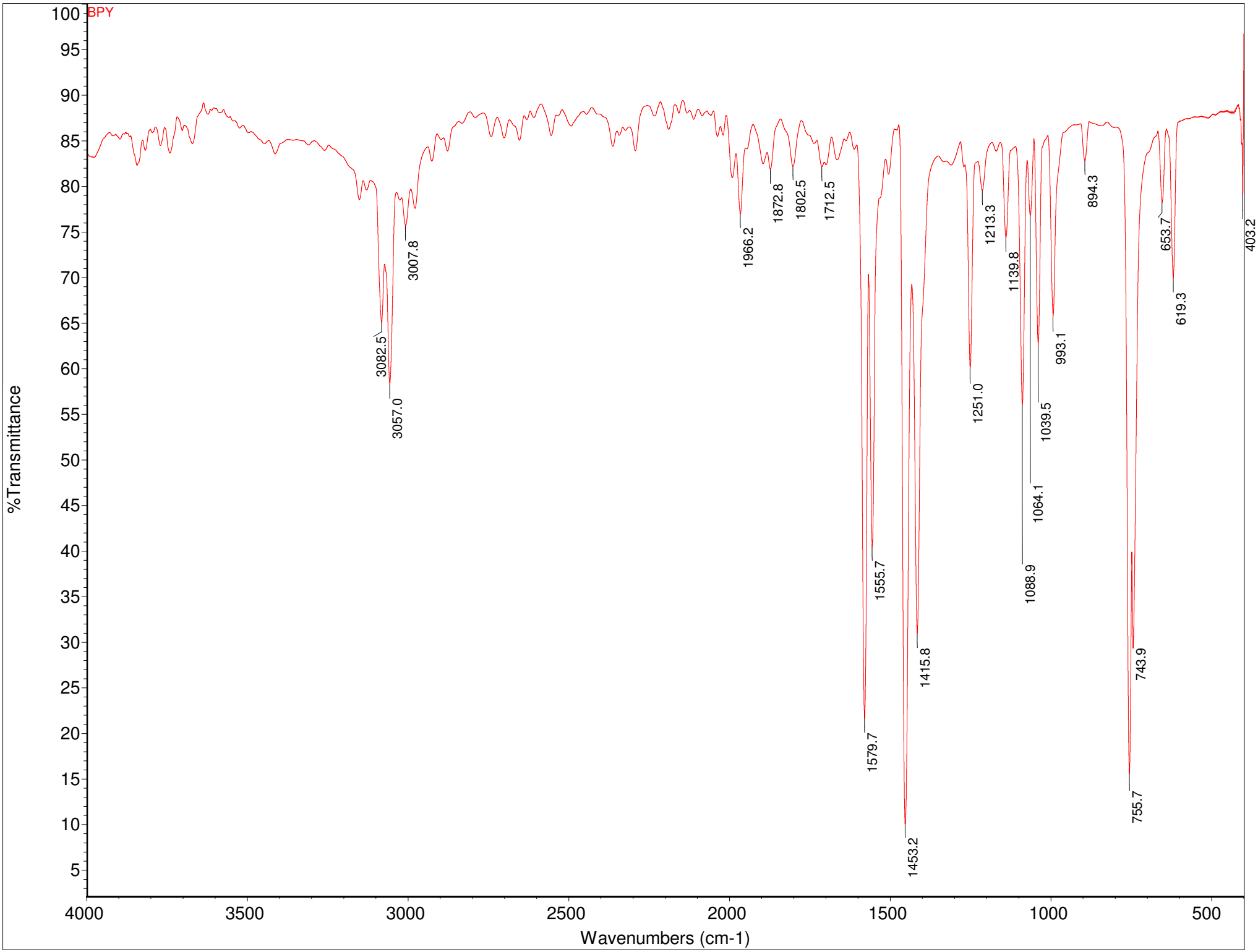
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Wavenumbers (cm-1)
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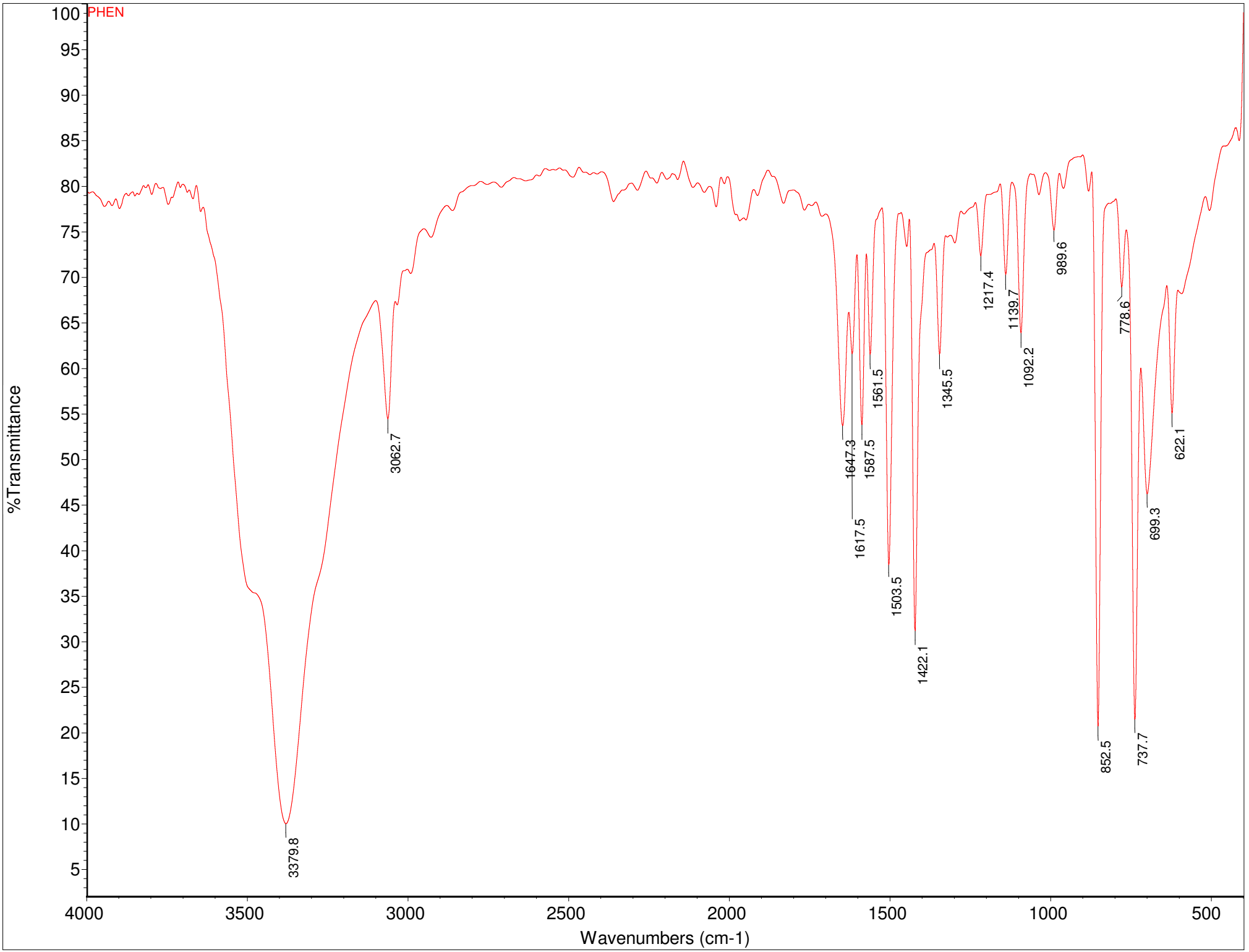
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Wavenumbers (cm-1)
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2000
1500
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1345.5
1217.4
1139.7
1092.2
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737.7
699.3
622.1


DDT009
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1000
500
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3437.5
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1252.0
1194.0
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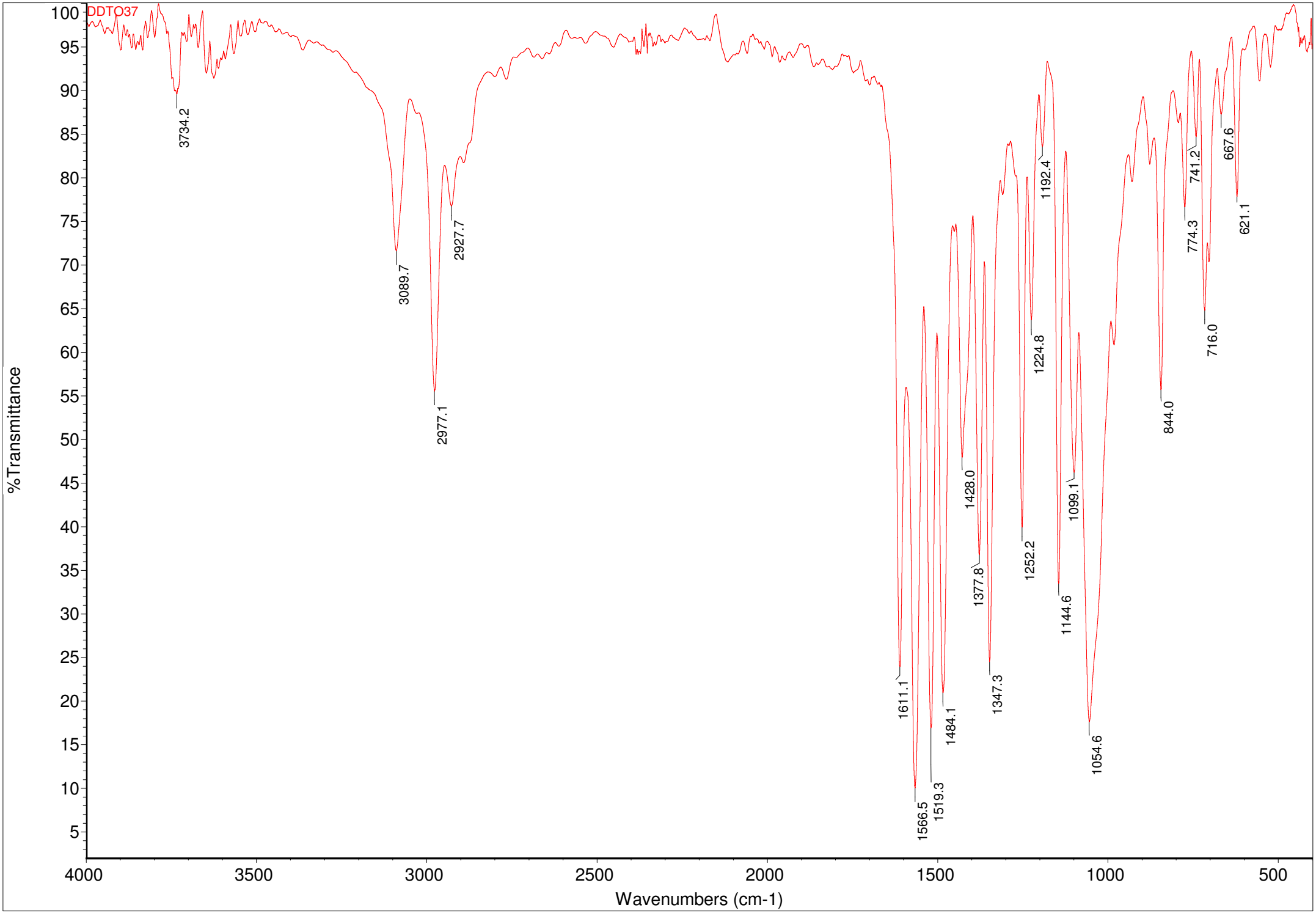
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1428.0
1377.8
1347.3
1252.2
1224.8
1192.4
1144.6
1099.1
1054.6
844.0
774.3
741.2
716.0
667.6
621.1

Qualitative Compound Report

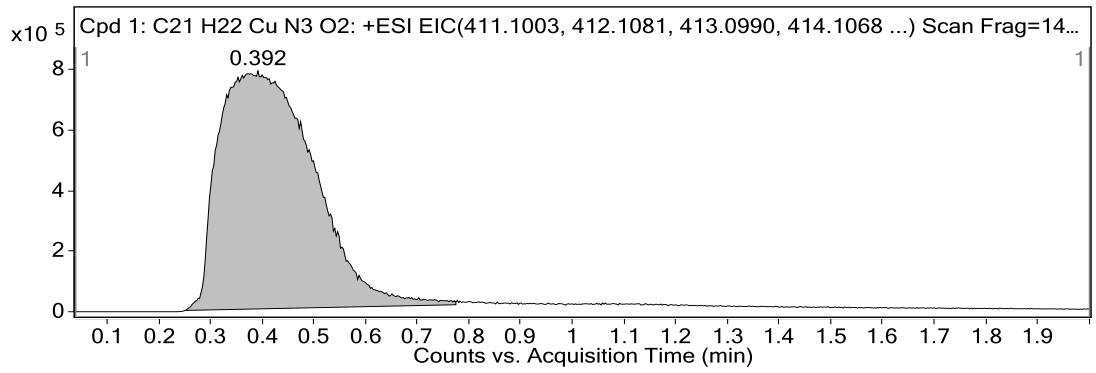
Data File	MJ_MS_1DMSO_MK_140V_pos1.d	**Sample Name**	1DMSO
Sample Type	Sample	**Position**	Vial 5
Instrument Name	DE1517B001	**User Name**	
Acq Method	Odredjivanje MM_MK_140V_pos.m	**Acquired Time**	11/29/2019 2:03:46 PM
IRM Calibration Status	Success	**DA Method**	EURL_target_PEST017_NNP_10V.m
Comment			

Sample Group		**Info.**	
Stream Name	LC 1	**Acquisition SW Version**	6200 series TOF/6500 series Q-TOF B.06.01 (B6157)

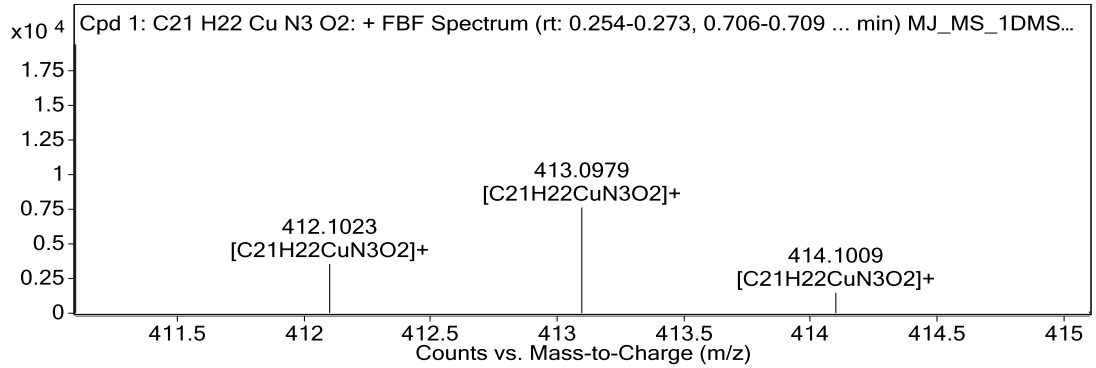
Compound Table

Compound Label	RT	Mass	Abund	Formula	Tgt Mass	Diff (ppm)
Cpd 1: C21 H22 Cu N3 O2	0.392	411.0998	19387	C21 H22 Cu N3 O2	411.1008	-2.34

Compound Label	*m/z*	RT	Algorithm	Mass
Cpd 1: C21 H22 Cu N3 O2	411.0993	0.392	Find By Formula	411.0998

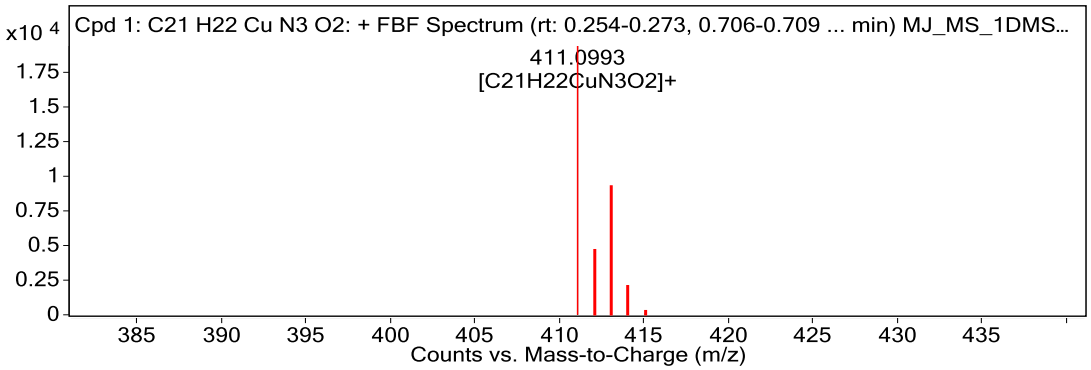


MS Spectrum



MS Zoomed Spectrum

Qualitative Compound Report



MS Spectrum Peak List

m/z	z	Abund	Formula	Ion
411.0993	1	19386.78	C21H22CuN3O2	M+
412.1023	1	3551.74	C21H22CuN3O2	M+
413.0979	1	7623.97	C21H22CuN3O2	M+
414.1009	1	1477.12	C21H22CuN3O2	M+
415.1028	1	115.38	C21H22CuN3O2	M+

--- End Of Report ---

Qualitative Compound Report

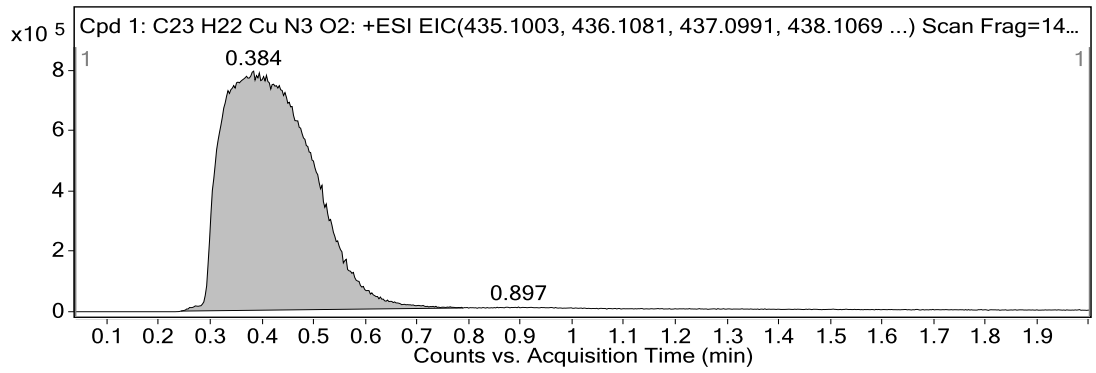
Data File	MJ_MS_2DMSO_MK_140V_pos1.d	**Sample Name**	2DMSO
Sample Type	Sample	**Position**	Vial 6
Instrument Name	DE1517B001	**User Name**	
Acq Method	Odredjivanje MM_MK_140V_pos.m	**Acquired Time**	11/29/2019 2:08:25 PM
IRM Calibration Status	Success	**DA Method**	EURL_target_PEST017_NNP_10V.m
Comment			

Sample Group		**Info.**	
Stream Name	LC 1	**Acquisition SW Version**	6200 series TOF/6500 series Q-TOF B.06.01 (B6157)

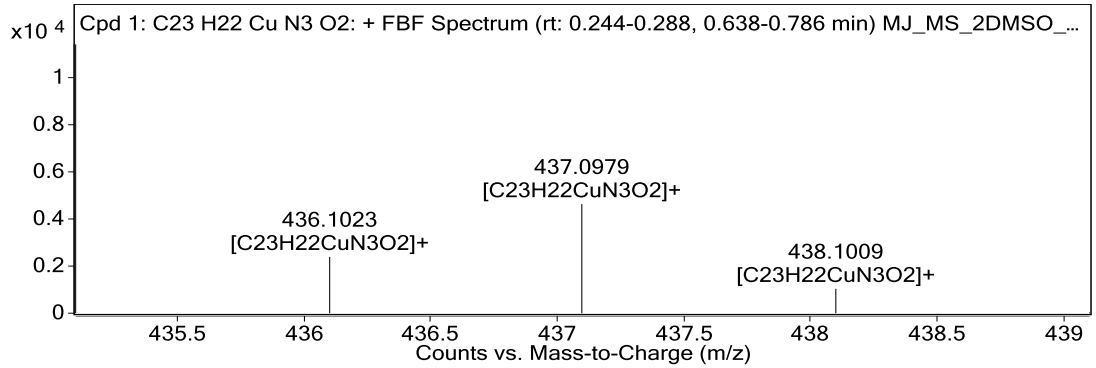
Compound Table

Compound Label	RT	Mass	Abund	Formula	Tgt Mass	Diff (ppm)
Cpd 1: C23 H22 Cu N3 O2	0.384	435.0998	11398	C23 H22 Cu N3 O2	435.1008	-2.37

Compound Label	*m/z*	RT	Algorithm	Mass
Cpd 1: C23 H22 Cu N3 O2	435.0993	0.384	Find By Formula	435.0998

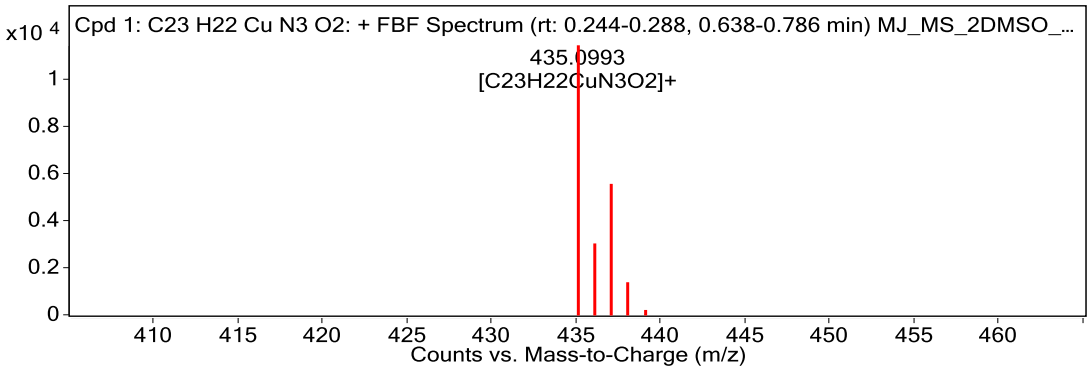


MS Spectrum



MS Zoomed Spectrum

Qualitative Compound Report



MS Spectrum Peak List

m/z	z	Abund	Formula	Ion
435.0993	1	11398.25	C23H22CuN3O2	M+
436.1023	1	2389.83	C23H22CuN3O2	M+
437.0979	1	4626.48	C23H22CuN3O2	M+
438.1009	1	1034.49	C23H22CuN3O2	M+
439.1027	1	31.45	C23H22CuN3O2	M+

--- End Of Report ---